

EAST - [losthistory.wsp.1]

File View Edit Link Window Help

☐ Drafts
☐ Pending
☒ Active

- L1: (309) (scanning near4 exposure) and (pattern) and (s
- L2: (18753) (detect56 or determin56 or adjust56) near6
- L3: (22) ((detect56 or determin56 or adjust56) near6 (s
- L4: (4) 1 and 3
- L5: (96757) 250/\$7.ccls.
- L6: (72205) 356/\$7.ccls.
- L7: (26265) 355/\$7.ccls.
- L9: (0) 3 and 6
- L10: (0) 3 and 7
- L8: (3) 3 and 5

☐ Failed
☐ Saved
☐ Favorites
☐ Tagged (0)
☐ VDC
☐ Queue
☐ Trash

DB: USPAT.EPD.PD.DERIVENT

Default operator: OR

3 and 5

358/481; 358/493

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	P	V	Q	SH
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6559465 B1	20030506	33	Surface position detecting method having a detection	250/559.29	250/559.3		Yamada, Yuichi et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6534777 B2	20030318	33	Surface position detecting system and method having a	250/559.29	250/559.4		Yamada, Yuichi et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6531706 B2	20030311	34	Surface position detecting system and method having an	250/559.29	250/205		Yamada, Yuichi et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	US 6476955 B1	20021105	36	Multi-beam scanning optical system and image forming	359/204	250/235; 347/235;		Yoshida, Hiroki	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	US 6469818 B1	20021022	17	Multi-beam scanning optical apparatus and image forming	359/204	250/235; 347/235;		Kato, Manabu	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	US 5933266 A	19990803	21	Synchronization signal generating circuit for an	359/196	250/235; 347/250;		Minakuchi, Tadashi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>	US 5006705 A	19910409	10	Light beam scanning apparatus with controller	250/235	347/235; 347/240;		Saito, Susumu et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>	US 4800282 A	19890124	4	Apparatus and method for detecting residual organic	250/461.1	250/458.1		Nishimura, Yasunori	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>	US 4760251 A	19880726	17	Optical scanning apparatus wherein image scanning clock	250/235	358/481; 358/493		Shimada, Kazuyuki et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

File Details HTML

File

EAST - (host:localhost, wsp 1)

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☐ Failed
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☐ Favorites
☐ Tagged (0)
☐ UDC
☐ Queue
☐ Trash

DB: USPAT.EPD.IPD.DERIVENT

Database: CH

1 and 3

As: as term As: as term As: as term As: as term As: as term

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	B	G	Q	W
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6559465 B1	20030506	33	Surface position detecting method having a detection	250/559.29	250/559.3		Yamada, Yuichi et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6534777 B2	20030318	33	Surface position detecting system and method having a	250/559.29	250/559.4		Yamada, Yuichi et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6531706 B2	20030311	34	Surface position detecting system and method having a	250/559.29	250/205		Yamada, Yuichi et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	US 5323183 A	19940621	23	Image recording apparatus	347/254	347/261		Tateoka, Masamichi et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

File View Edit Tools Window Help

As: as term As: as term As: as term As: as term As: as term

Trash

2 and 4







	U	I	Document I	Issue D	Page	Title	Current C	Current X	Retrieval	Inventor	S	C	P	2	3	4
1	P	P	US 6590634	2003070	91	Exposure apparatus and method	355/53	355/67;		Nishi, Kenji et al.	P	P	P	P	P	P
2	P	P	US 6559465	2003050	33	Surface position detecting method and apparatus	250/559.2	250/559.3		Yamada, Yuichi et al.	P	P	P	P	P	P
3	P	P	US 6549269	2003041	92	Exposure apparatus and projection optical system	355/53	355/67;		Nishi, Kenji et al.	P	P	P	P	P	P
4	P	P	US 6534777	2003031	34	Surface position detecting system and method	250/559.2	250/559.4		Yamada, Yuichi et al.	P	P	P	P	P	P
5	P	P	US 6531706	2003031	35	Surface position detecting system and method	250/559.2	250/205		Yamada, Yuichi et al.	P	P	P	P	P	P
6	P	P	US 6406820	2002061	40	Exposure method for a projection optical system	430/30	430/296;		Ota, Kazuya et al.	P	P	P	P	P	P
7	P	P	US 6400456	2002060	20	Plane positioning apparatus	356/399	420/040		Miyachi, Takashi	P	P	P	P	P	P
8	P	P	US 6400441	2002060	91	Projection exposure apparatus and method	355/53	355/67;		Nishi, Kenji et al.	P	P	P	P	P	P
9	P	P	US 6341007	2002012	90	Exposure apparatus and method	355/53	355/67;		Nishi, Kenji et al.	P	P	P	P	P	P
10	P	P	US 6292254	2001091	10	Projection exposure method and apparatus	355/53	355/55;		Suzuki, Kazuaki et al.	P	P	P	P	P	P
11	P	P	US 6277533	2001082	48	Scanning exposure apparatus	430/30	355/77		Wakamoto, Takashi	P	P	P	P	P	P

Ready

MEM

LEAST: [lostlosttime.wsp.1]

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L6: (72205) 356/57.ccls.

L7: (26265) 355/57.ccls.

L9: (0) 3 and 6

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L8: (9) 3 and 5

L3: (22) ((detect56 or determin56 or adjust56) near6 (s

L11: (381) ((detect56 or determin56 or adjust56) near6

L12: (51) ((detect56 or determin56 or adjust56) near6 (s

L14: (6) 1 and 12

L13: (8) 1 and 11

Failed

Saved

Favorites

Tagged (0)

UDC

Queue

Trash

USPAT.EPD.JPG.DERIVENT

Details member: CH

1 and 11

US 6559465 B1 20030506 33 Surface position detecting method having a detection

US 6534777 B2 20030318 33 Surface position detecting system and method having a

US 6531706 B2 20030311 34 Surface position detecting system and method having an

US 6512533 B2 20030128 20 Image forming apparatus

US 6226072 B1 20010501 14 Stage system and exposure apparatus with the same

US 6054713 A 20000425 22 Electron beam exposure apparatus

US 5841520 A 19981124 56 Exposure apparatus and method that use mark

US 5323183 A 19940621 23 Image recording apparatus

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Retrieval C

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250/559.29

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250/559.29

250/205

347/242

347/257

355/53

355/72

250/492.24

250/398

355/53

250/201.1,

250/559.3

347/254

347/261

Yamada, Yuichi et al.

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Tajima, Naoki et al.

Yabu, Shuichi

Miyake, Akira et al.

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4	<input type="checkbox"/>	<input type="checkbox"/>	US 6400456 B1	20020604	20	Plane positioning apparatus	356/399			Miyachi, Takashi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	US 6130751 A	20001010	14	Positioning method and apparatus	356/401	250/548; 356/399		Haginiwa, Kuniyasu et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	US 5323183 A	19940621	23	Image recording apparatus	347/254	347/261		Tateoka, Masamichi et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>